

AMENDMENTS TO THE SPECIFICATION

Please delete the sequence listing from the international application and replace it with the sequence listing submitted on compact disc enclosed herewith.

In the specification at page 1, after the title and before line 4, please insert the following new paragraphs:

RELATED APPLICATIONS

This application is a national stage application (under 35 U.S.C. 371) of PCT/EP2005/002735 filed March 15, 2005, which claims benefit of European application 04006377.8 filed March 17, 2004.

SUBMISSION ON COMPACT DISC

The contents of the following submission on compact discs are incorporated herein by reference in its entirety: two copies of the Sequence Listing (COPY 1 and COPY 2) and a computer readable form copy of the Sequence Listing (CRF COPY), all on compact disc, each containing: file name: "Sequence Listing-13987-00023-US", date recorded: September 14, 2006, size: 88KB.

In the specification at page 4, line 34, please replace the paragraph starting with "[LIVM]" with the following amended paragraph:

[LIVM]-[LIVM]-H*-[NHA]-Y-G-x-[GSA]-[GSA]-x-G-x5-G-x-A (SEQ ID NO: 17)

In the specification at page 24, line 35, please replace the paragraph starting with "[LIVM]" with the following amended paragraph:

[LIVM]-[LIVM]-H*-[NHA]-Y-G-x-[GSA]-[GSA]-x-G-x5-G-x-A (SEQ ID NO: 17)

In the specification at page 56, line 19, please replace the paragraph starting with "Multiple alignment" with the following amended paragraph:

Multiple alignment of the catalytic site of various D-amino acid oxidases allows for determination of a characteristic sequence motif [LIVM]-[LIVM]-H*-[NHA]-Y-G-x-[GSA]-[GSA]-x-G-x5-G-x-A (SEQ ID NO: 17) which allows for easy identification of additional D-

amino acid oxidases suitable to be employed within the method and DNA-constructs of the invention.

In the specification at page 58, line 4, please replace the two sequence paragraphs with the following amended paragraphs:

5'-ATTAGATCTTACTACTCGAAGGACGCCATG-3' (SEQ ID NO: 18) and

5'-ATTAGATCTACAGCCACAATTCCCGCCCTA- 3' (SEQ ID NO: 19)